

# AQUADYN® UA640

## - Hollow Fiber Module -

### Data Sheet

#### Module Specification

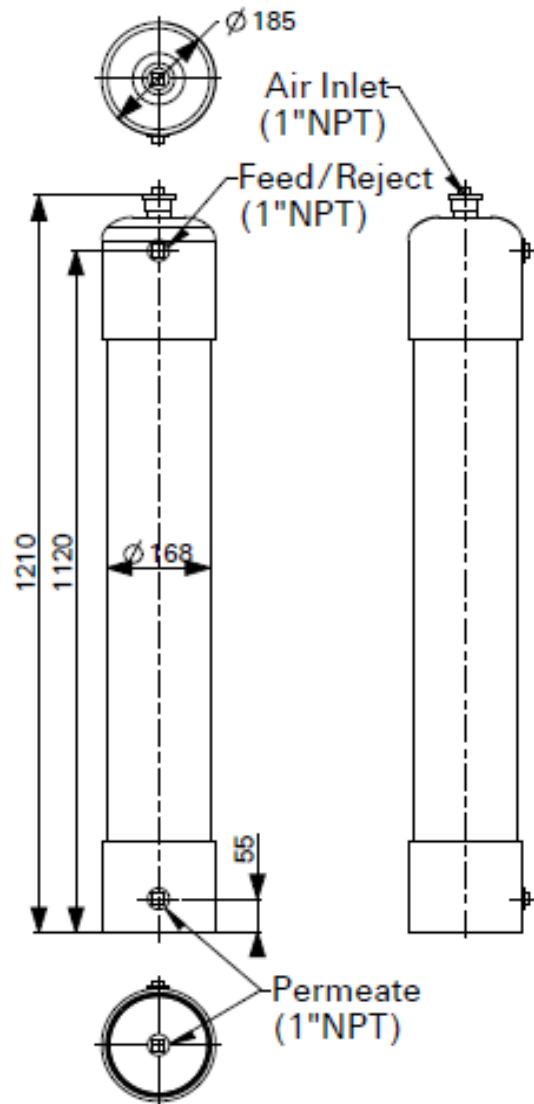
Filtration type	Ultrafiltration
Membrane type	Hollow fiber
Membrane structure	Double asymmetric
Membrane potting	Epoxy
Membrane material	PAN
Housing material	uPVC
Fiber arrangement	U-Shape
Flow type	Out/In
Type of filtration	Dead End
Regeneration	Back Flush, Air Scouring
Membrane area	16 m <sup>2</sup> /172 ft <sup>2</sup>
Hollow fiber diameter OD/ID	2.1 mm/1.1 mm
Pore size	0.025 µm
Module diameter	168 mm/6.6 in
Module length	1210 mm/47.6 in
Connectors	Feed/Reject port: 1"NPT Permeate port: 1"NPT Air inlet port: 1"NPT
Weight of module at shipping	Approx. 28 kg/61.7 lbs
Standard preservative	Sodium meta-bisulphite

#### Operation Specification\*

	SI Units	US Units
Applicable water flux	≤ 1.3 m <sup>3</sup> /h	≤ 5.7 gpm
Capacity feed pump	≤ 1.3 m <sup>3</sup> /h	≤ 5.7 gpm
Capacity back flush pump	≤ 2.6 m <sup>3</sup> /h	≤ 11.4 gpm
Max. transmembrane pressure	1 bar	14.5 psi
Max. module pressure	2 bar	29 psi
Applicable air scour rate	2.4 - 4.8 Nm <sup>3</sup> /h	1.4 - 2.8 scfm
Air pressure	<0.5 bar	<7.3 psi
Temperature range	5 - 45°C	41 - 113°F
pH range, operation	2 - 10	
pH range, cleaning	1 - 10	
Max. TSS feed	≤ 350 mg/L	
Max. NTU feed	≤ 300 NTU	

\* Depending on feed water quality and operating conditions

Note: The information in this data sheet believed to be accurate and reliable, but is not to be construed as implying any warranty or guarantee of performance



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We reserve the right to change specifications without prior notification.

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